

Focus Area 15: Injury and Violence Prevention

Objective 15-5 calls for reduction in the hospitalization rate for nonfatal firearm-related injuries admitted via emergency room (ER) to 8.6 per 100,000 population.

Hospital discharge data indicate a non-significant trend in rates among California residents who were admitted via the ER with a principal diagnosis of nonfatal firearm-related injury from 11.3 per 100,000 in 2000 to 11.4 per 100,000 in 2004 (Figure 15-5, Table 15-5). These rates are significantly higher than the HP2010 target, and this objective is not being achieved.

The nonfatal firearm-related injury hospitalization rates for males (20.2 per 100,000 in 2004) were nearly ten times greater than the rates for females (2.1 per 100,000 in 2004). This HP2010 objective is being achieved for females, but not for males as of 2004.

Firearm-related injury hospitalization rates among males aged 15-24 (73.4 per 100,000 in 2004) were eight to nine times greater than the HP2010 objective of 8.6 per 100,000 population.

Examined by race and ethnicity, the highest nonfatal firearm-related injury hospitalization rates were found for African Americans/Blacks (50.9 per 100,000 in 2004), followed by Hispanics/Latinos (12.3 per 100,000 in 2004). Hospitalization rates for American Indians/Alaska Natives were unreliable due to the small number of events and are not reported here. This HP2010 objective is being achieved for Whites (4.8 per 100,000 in 2004) and for Asians/Pacific Islanders (3.4 per 100,000 in 2004).

For more information on nonfatal firearm-related injuries, visit the CDHS Chronic Diseases and Injury Control (CDIC) Web site at: <http://www.dhs.ca.gov/ps/cdic/>

And the Epidemiology and Prevention for Injury Control (EPIC) Web site at: <http://www.dhs.ca.gov/epic/>

For more information on Healthy People 2010 objective 15-5, please visit:

<http://www.healthypeople.gov/Document/HTML/Volume2/15Injury.htm>

and

<http://www.healthypeople.gov/Document/html/tracking/od15.htm>

Figure 15-5
Nonfatal Firearm-Related Injury Hospitalization Rates
California, 2000-2004

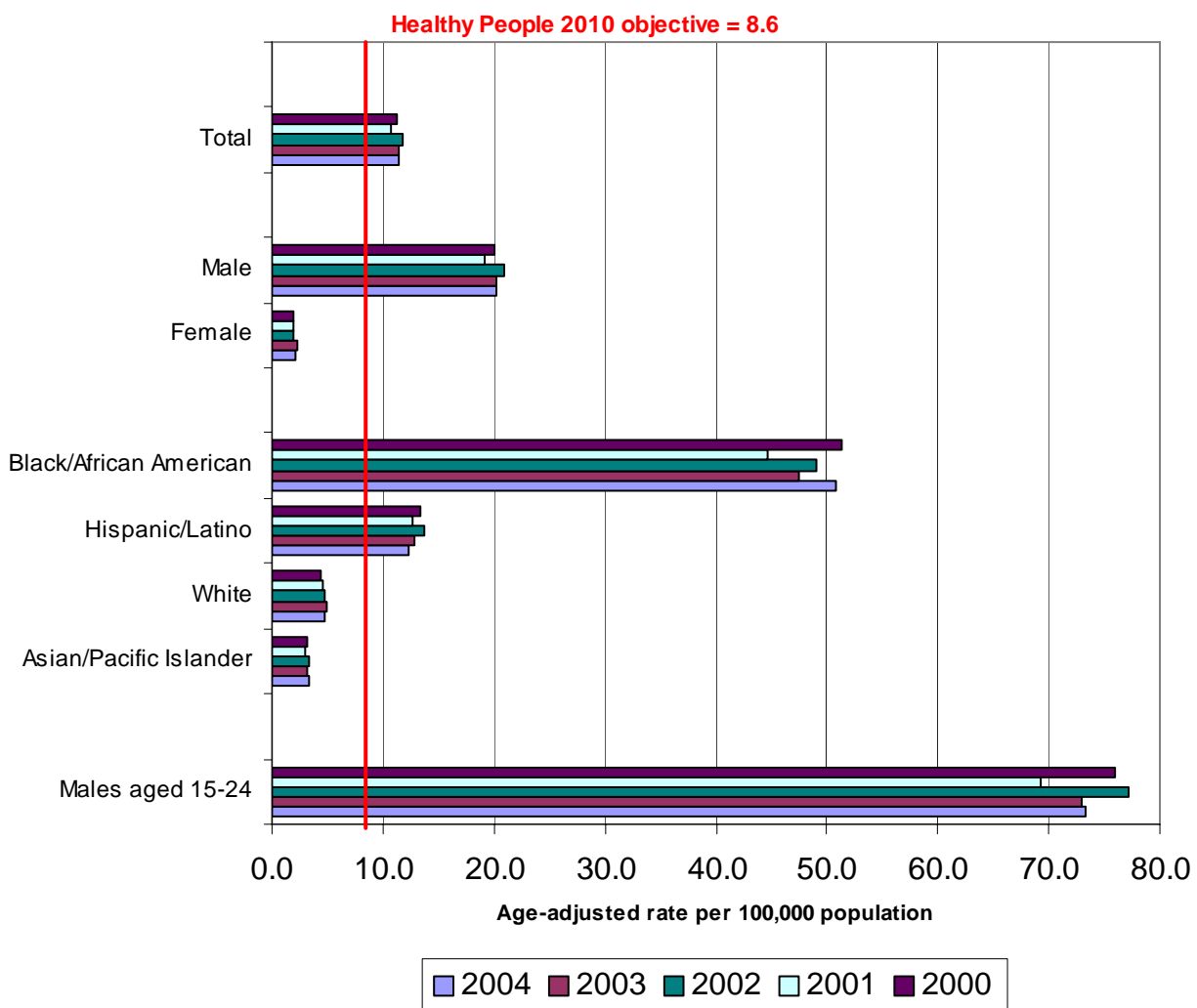


Table 15-5: Nonfatal Firearm-Related Injury Hospitalizations Admitted Via Emergency Room, California 2000-2004

	2000		Lower	Upper	2001		Lower	Upper
Objective 15-5	N	Rate ¹	C.I.	C.I.	N	Rate ¹	C.I.	C.I.
Healthy People 2010 Target	8.6				8.6			
Statewide Total	3,987	11.3	10.9	11.6	3,858	10.7	10.4	11.0
Race-Ethnicity								
American Indian/Alaska Native	6	DSU	-----	-----	7	DSU	-----	-----
Asian/Pacific Islander	134	3.2	2.7	3.8	126	3.0	2.5	3.5
Black/African American	1,211	51.4	48.5	54.3	1,080	44.6	42.0	47.3
Hispanic/Latino	1,801	13.3	12.7	14.0	1,764	12.6	12.0	13.2
White	671	4.4	4.1	4.7	681	4.5	4.2	4.8
Gender								
Female	349	2.0	1.8	2.2	326	1.9	1.7	2.1
Male	3,638	20.0	19.3	20.6	3,532	19.1	18.5	19.7
Selected Populations²								
Males aged 15-24	1,924	76.0	72.6	79.4	1,792	69.3	66.1	72.5

	2002		Lower	Upper	2003		Lower	Upper
Objective 15-5	N	Rate ¹	C.I.	C.I.	N	Rate ¹	C.I.	C.I.
Healthy People 2010 Target	8.6				8.6			
Statewide Total	4,306	11.8	11.4	12.1	4,257	11.5	11.1	11.8
Race-Ethnicity								
American Indian/Alaska Native	9	DSU	-----	-----	12	DSU	-----	-----
Asian/Pacific Islander	143	3.3	2.8	3.9	131	3.1	2.6	3.7
Black/African American	1,217	49.0	46.3	51.8	1,214	47.4	44.7	50.0
Hispanic/Latino	1,998	13.8	13.2	14.4	1,923	12.8	12.2	13.4
White	710	4.7	4.4	5.1	747	5.0	4.7	5.4
Gender								
Female	358	2.0	1.8	2.2	389	2.2	2.0	2.4
Male	3,948	21.0	20.3	21.7	3,868	20.3	19.7	21.0
Selected Populations²								
Males aged 15-24	2,031	77.2	73.8	80.5	1,966	73.0	69.8	76.3

	2004		Lower	Upper	5-year	HP2010 Objective
Objective 15-5	N	Rate ¹	C.I.	C.I.	Trend	Being Achieved?
Healthy People 2010 Target	8.6					
Statewide Total	4,295	11.4	11.1	11.8	ns	No
Race-Ethnicity						
American Indian/Alaska Native	6	DSU	-----	-----	n/a	Unk
Asian/Pacific Islander	149	3.4	2.9	4.0	ns	Yes
Black/African American	1,331	50.9	48.1	53.6	ns	No
Hispanic/Latino	1,910	12.3	11.8	12.9	ns	No
White	710	4.8	4.5	5.2	ns	Yes
Gender						
Female	379	2.1	1.9	2.3	ns	Yes
Male	3,916	20.2	19.6	20.9	ns	No
Selected Populations²						
Males aged 15-24	2,024	73.4	70.2	76.6	ns	No

SOURCES: Office of Statewide Health Planning and Development, Patient Discharge Data, 2000-2004;

CA Department of Finance, Demographic Research Unit, *Population Projections by Race/Ethnicity for California and Its Counties 2000-2050*, May 2004.

Notes: * ICD-9-CM codes E922.0-E922.9, E955.0-E955.4, E965.0-E965.4, E970, E985.0-E985.4; Principal E-code plus four (4) Other E-codes; patient admitted through emergency room (ER).
¹ Rate per 100,000 population, age-adjusted using the 2000 US Standard Population.
² Age- and sex-specific rate per 100,000 population.
ns No significant trend as measured by linear regression analysis.
n/a Reliable data not available for trend analysis.
DSU Data statistically unreliable (Relative Standard Error greater than 23 percent).